FIG.1

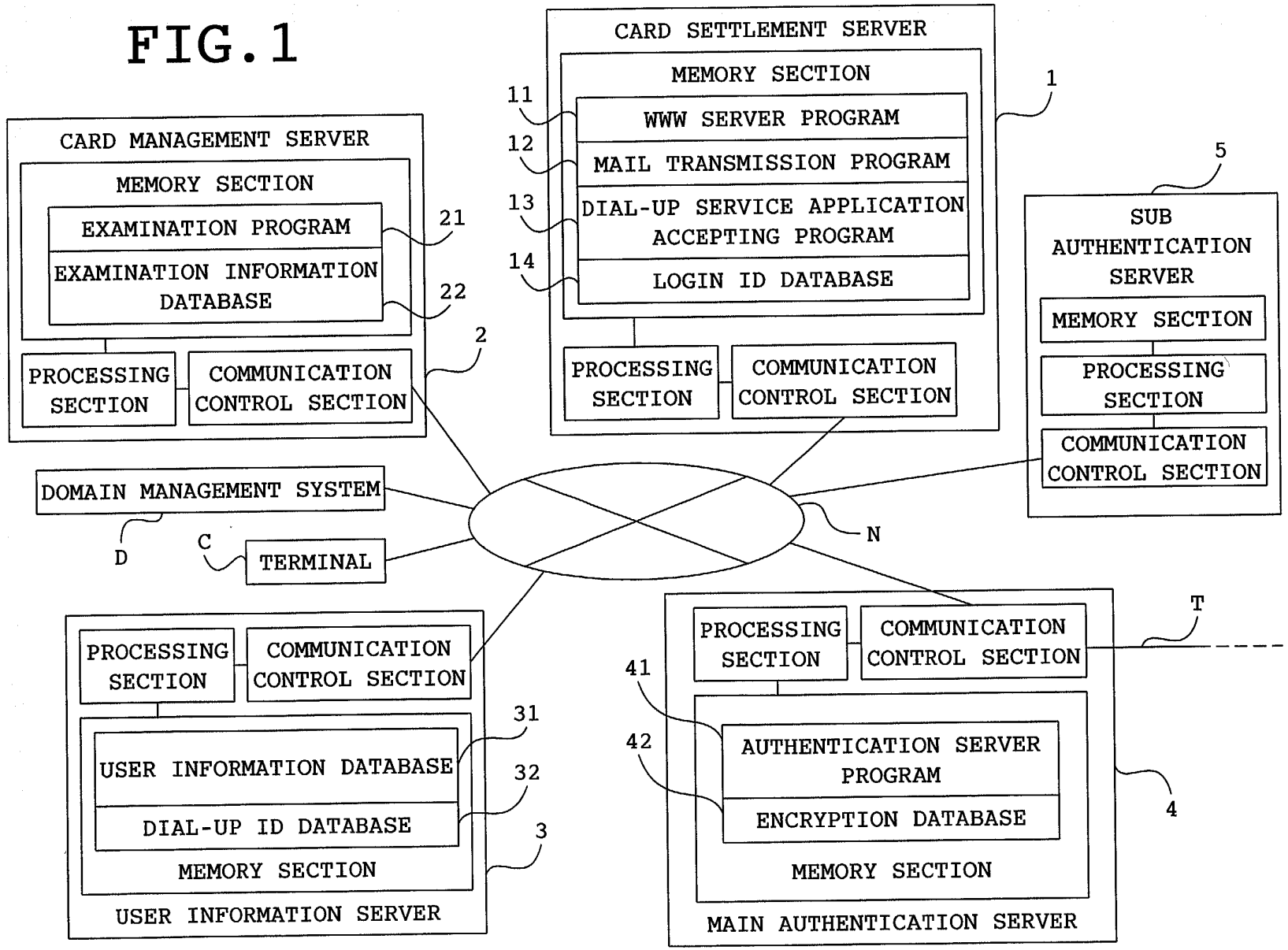

CARD SETTLEMENT SERVER
MEMORY SECTION
1
11
WWW SERVER PROGRAM
12
MAIL TRANSMISSION PROGRAM
13
DIAL-UP SERVICE APPLICATION ACCEPTING PROGRAM
14
LOGIN ID DATABASE
PROCESSING SECTION
COMMUNICATION CONTROL SECTION
CARD MANAGEMENT SERVER
MEMORY SECTION
EXAMINATION PROGRAM
21
EXAMINATION INFORMATION DATABASE
22
PROCESSING SECTION
COMMUNICATION CONTROL SECTION
2
5
SUB AUTHENTICATION SERVER
MEMORY SECTION
PROCESSING SECTION
COMMUNICATION CONTROL SECTION
DOMAIN MANAGEMENT SYSTEM
D
C
TERMINAL
N
PROCESSING SECTION
COMMUNICATION CONTROL SECTION
31
USER INFORMATION DATABASE
32
DIAL-UP ID DATABASE
MEMORY SECTION
3
USER INFORMATION SERVER
T
PROCESSING SECTION
COMMUNICATION CONTROL SECTION
41
42
AUTHENTICATION SERVER PROGRAM
ENCRYPTION DATABASE
MEMORY SECTION
4
MAIN AUTHENTICATION SERVER

FIG.2

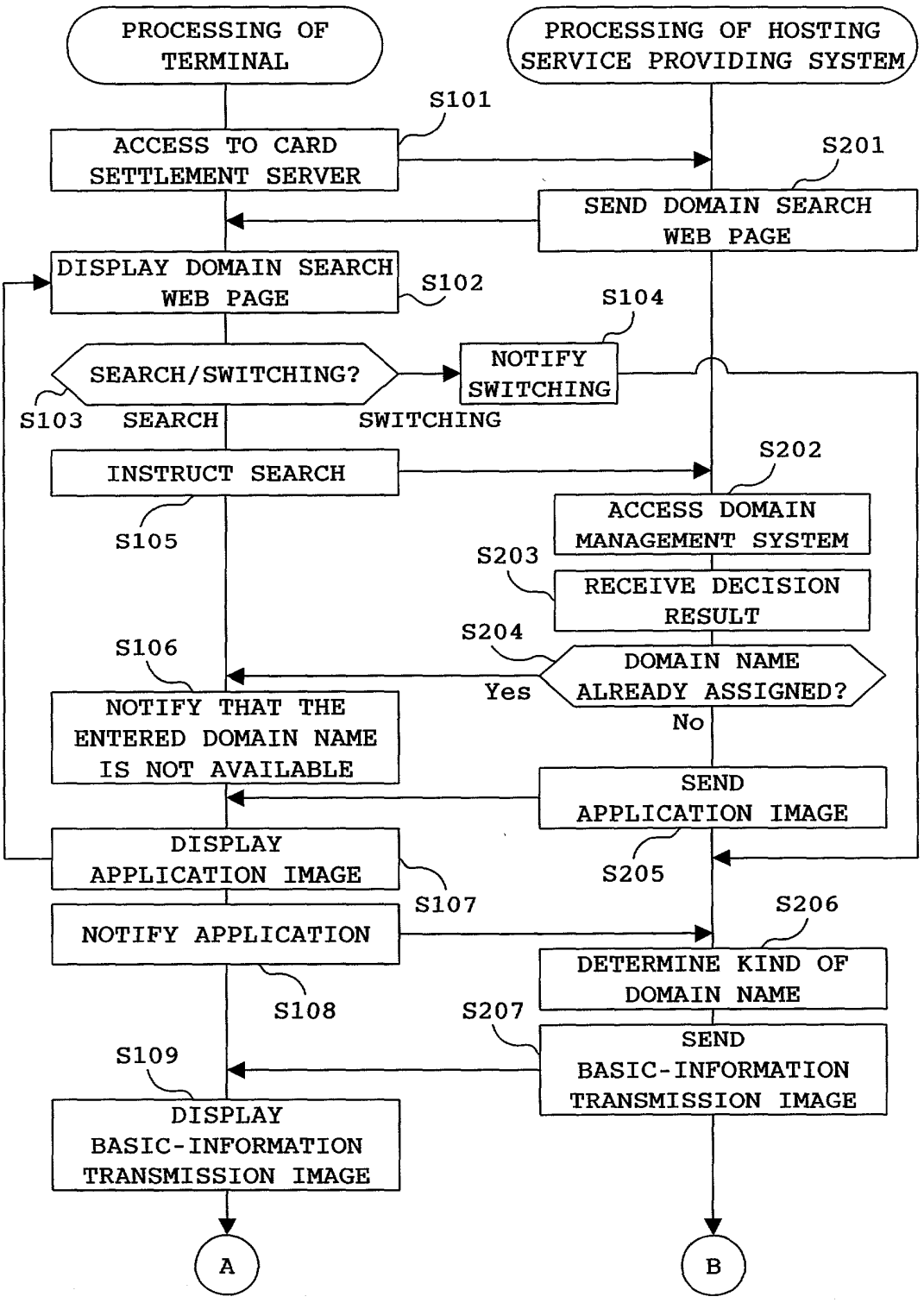

PROCESSING OF TERMINAL
PROCESSING OF HOSTING SERVICE PROVIDING SYSTEM
S101
ACCESS TO CARD SETTLEMENT SERVER
S201
SEND DOMAIN SEARCH WEB PAGE
DISPLAY DOMAIN SEARCH WEB PAGE
S102
S104
SEARCH/SWITCHING?
NOTIFY SWITCHING
S103
SEARCH
SWITCHING
INSTRUCT SEARCH
S202
ACCESS DOMAIN MANAGEMENT SYSTEM
S105
S203
RECEIVE DECISION RESULT
S204
S106
DOMAIN NAME ALREADY ASSIGNED?
Yes
No
NOTIFY THAT THE ENTERED DOMAIN NAME IS NOT AVAILABLE
SEND APPLICATION IMAGE
DISPLAY APPLICATION IMAGE
S205
S107
S206
NOTIFY APPLICATION
DETERMINE KIND OF DOMAIN NAME
S108
S207
S109
SEND BASIC-INFORMATION TRANSMISSION IMAGE
DISPLAY BASIC-INFORMATION TRANSMISSION IMAGE
A
B

FIG.3

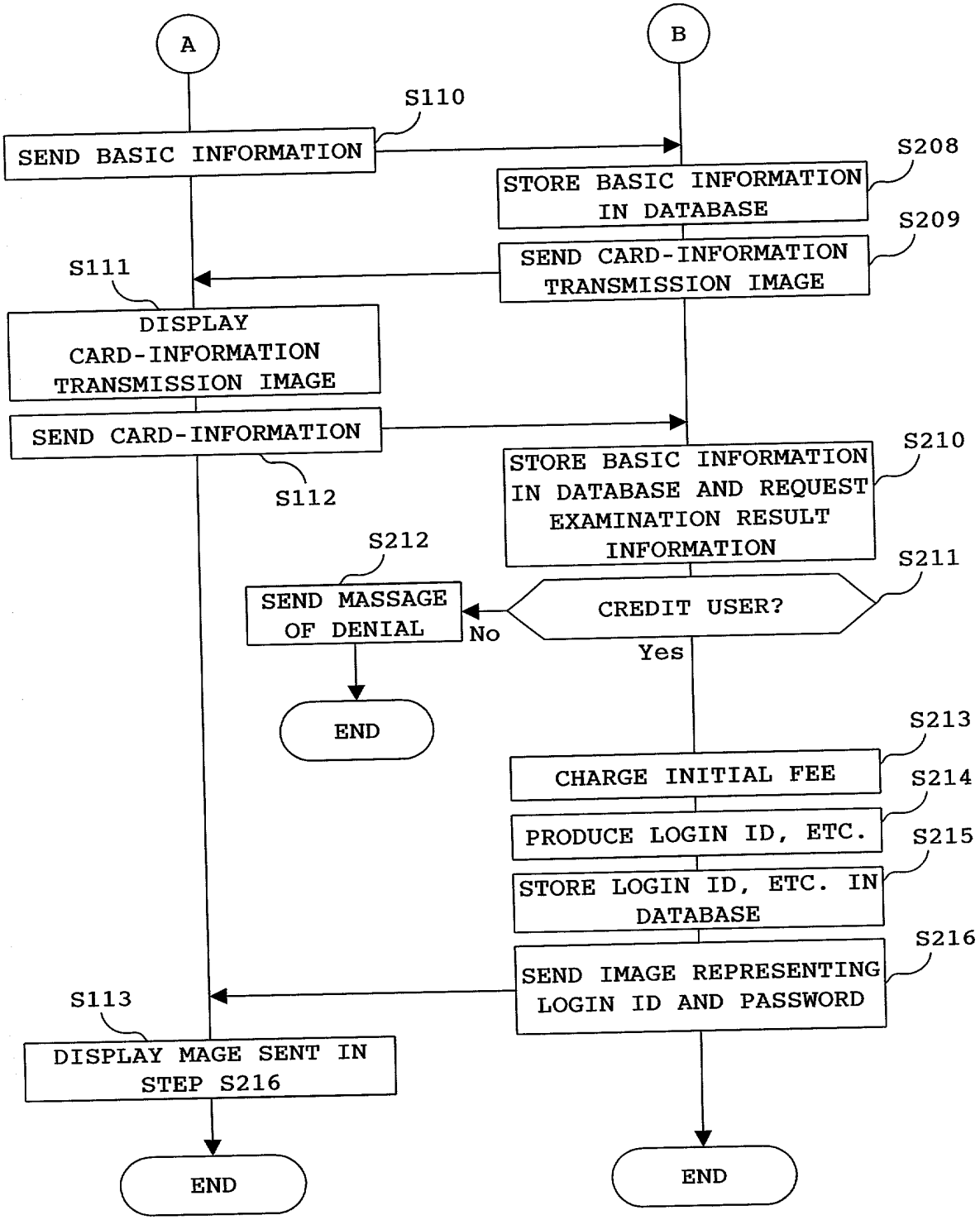

A
B
S110
SEND BASIC INFORMATION
S208
STORE BASIC INFORMATION IN DATABASE
S209
SEND CARD-INFORMATION TRANSMISSION IMAGE
S111
DISPLAY CARD-INFORMATION TRANSMISSION IMAGE
SEND CARD-INFORMATION
S112
S210
STORE BASIC INFORMATION IN DATABASE AND REQUEST EXAMINATION RESULT INFORMATION
S212
SEND MASSAGE OF DENIAL
S211
CREDIT USER?
No
Yes
END
S213
CHARGE INITIAL FEE
S214
PRODUCE LOGIN ID, ETC.
S215
STORE LOGIN ID, ETC. IN DATABASE
S216
SEND IMAGE REPRESENTING LOGIN ID AND PASSWORD
S113
DISPLAY MAGE SENT IN STEP S216
END
END

FIG. 4

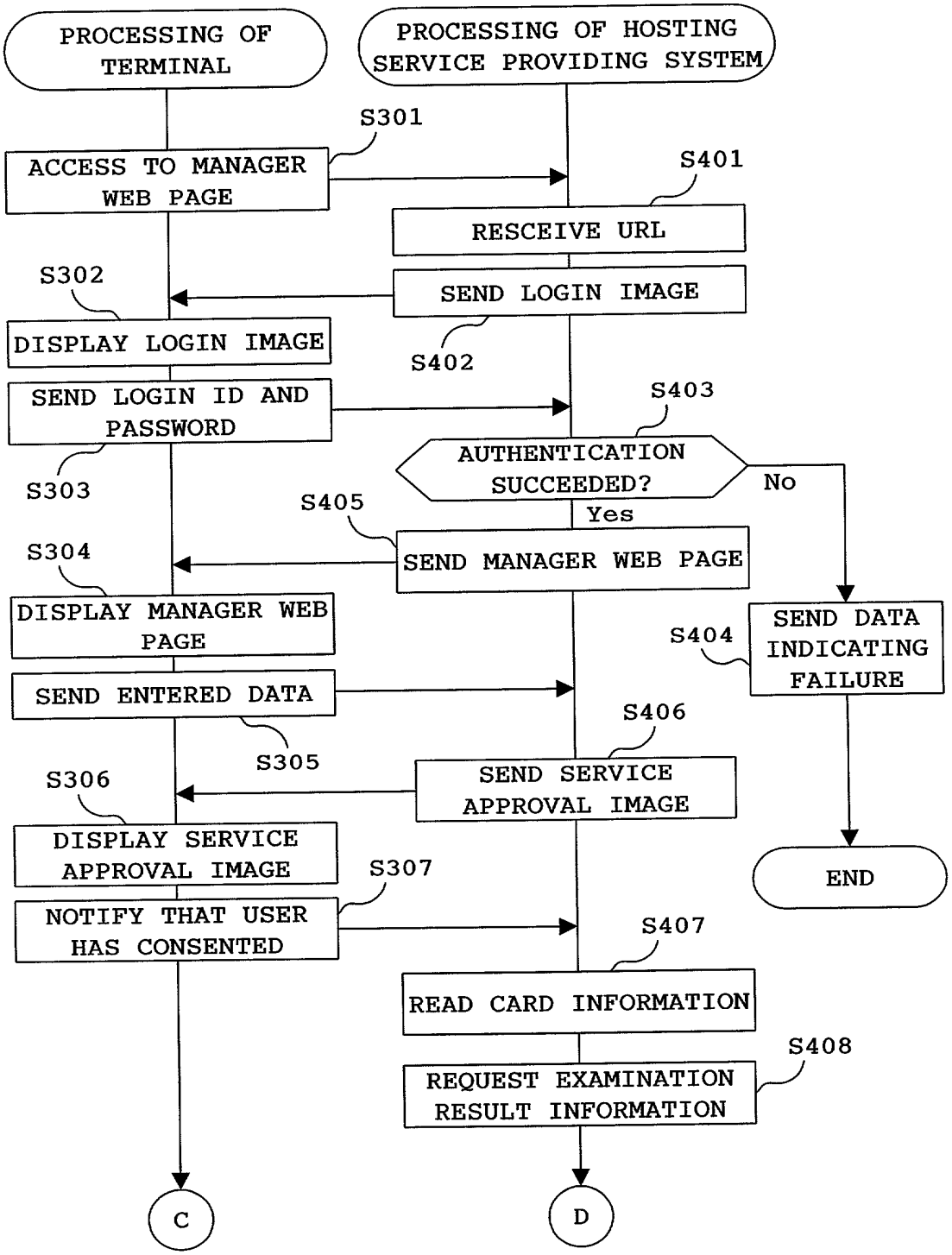

PROCESSING OF TERMINAL
PROCESSING OF HOSTING SERVICE PROVIDING SYSTEM
S301
ACCESS TO MANAGER WEB PAGE
S401
RESCEIVE URL
S302
SEND LOGIN IMAGE
DISPLAY LOGIN IMAGE
S402
SEND LOGIN ID AND PASSWORD
S403
AUTHENTICATION SUCCEEDED?
No
S303
S405
Yes
SEND MANAGER WEB PAGE
S304
DISPLAY MANAGER WEB PAGE
S404
SEND DATA INDICATING FAILURE
SEND ENTERED DATA
S406
S305
SEND SERVICE APPROVAL IMAGE
S306
DISPLAY SERVICE APPROVAL IMAGE
END
S307
NOTIFY THAT USER HAS CONSENTED
S407
READ CARD INFORMATION
S408
REQUEST EXAMINATION RESULT INFORMATION
C
D

FIG.5

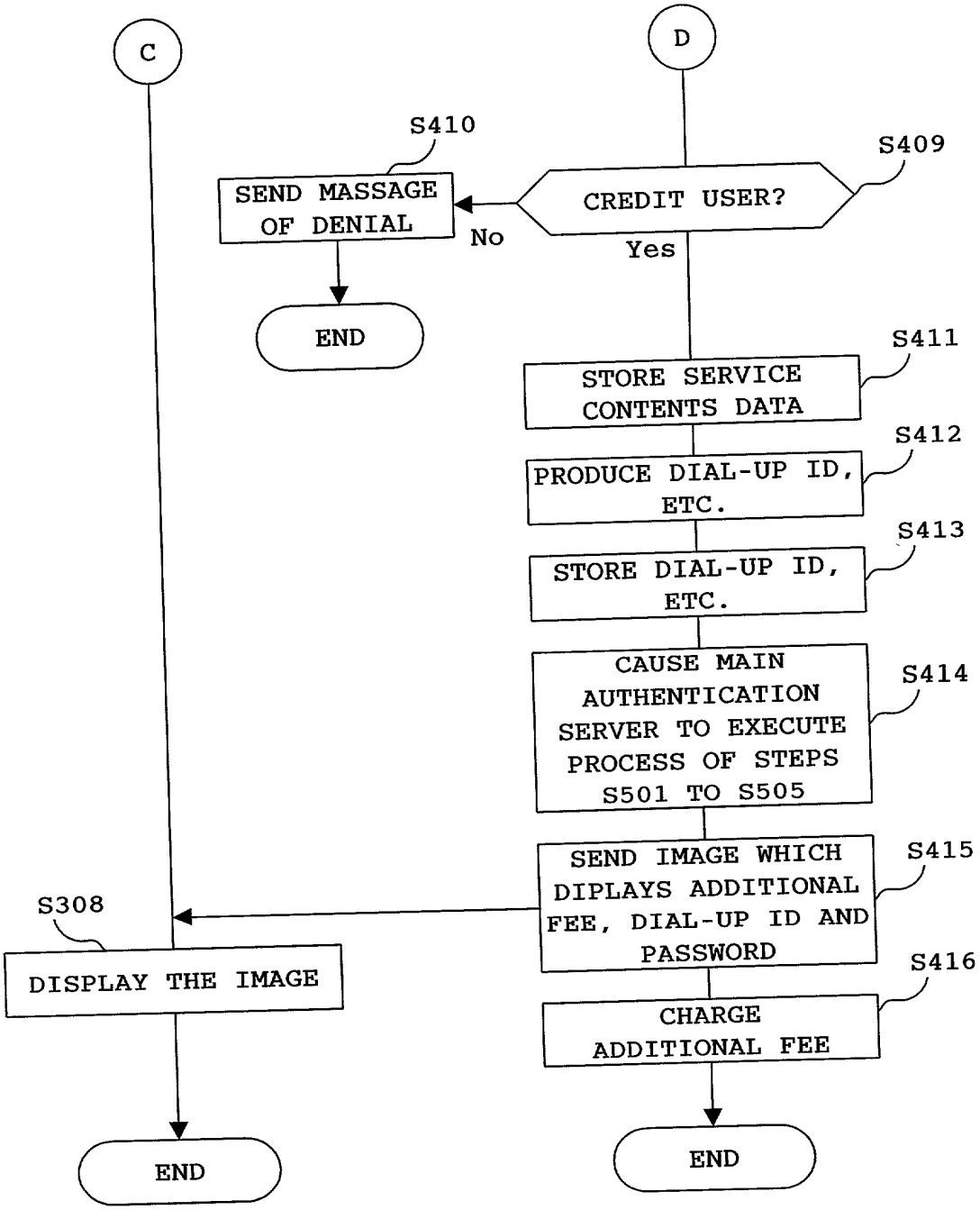
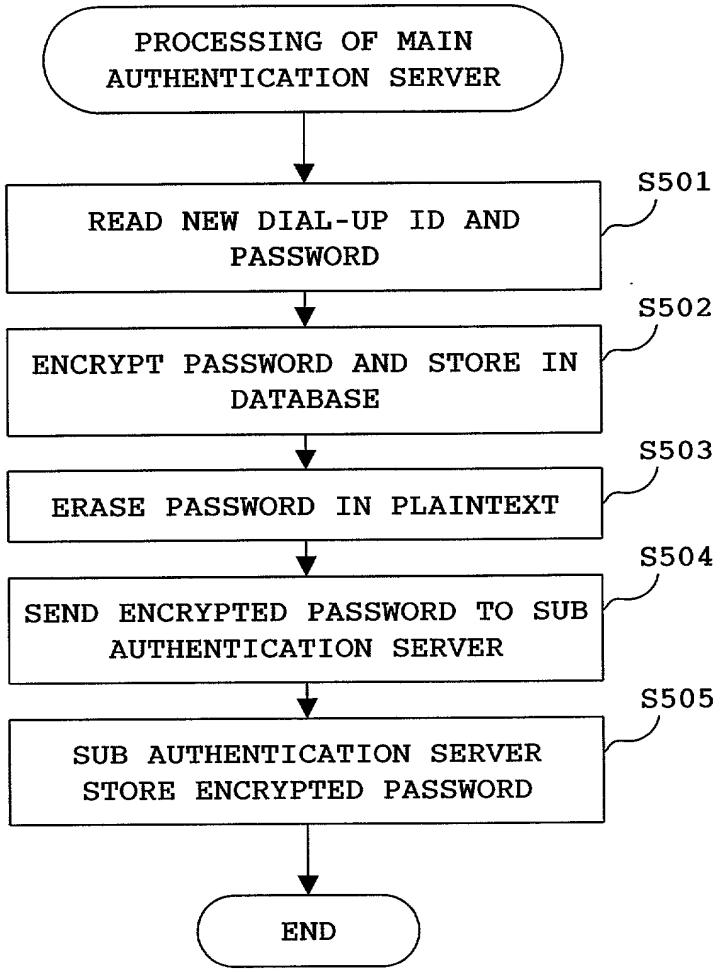

C
D
S410
SEND MASSAGE OF DENIAL
S409
CREDIT USER?
No
Yes
END
S411
STORE SERVICE CONTENTS DATA
S412
PRODUCE DIAL-UP ID, ETC.
S413
STORE DIAL-UP ID, ETC.
CAUSE MAIN AUTHENTICATION SERVER TO EXECUTE PROCESS OF STEPS S501 TO S505
S414
SEND IMAGE WHICH DIPLAYS ADDITIONAL FEE, DIAL-UP ID AND PASSWORD
S415
S308
DISPLAY THE IMAGE
S416
CHARGE ADDITIONAL FEE
END
END

FIG.6



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